

Fig.1

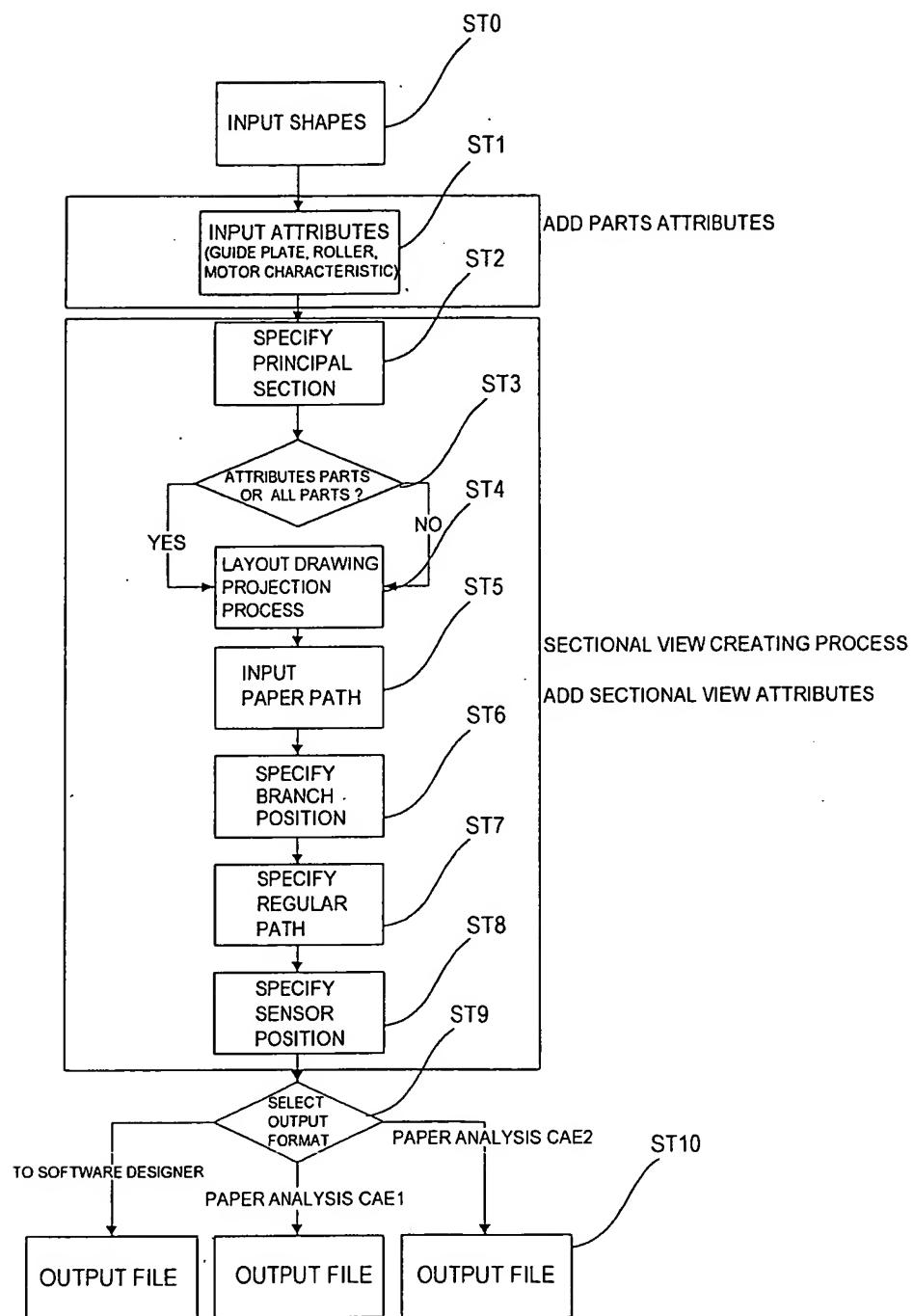


Fig.2

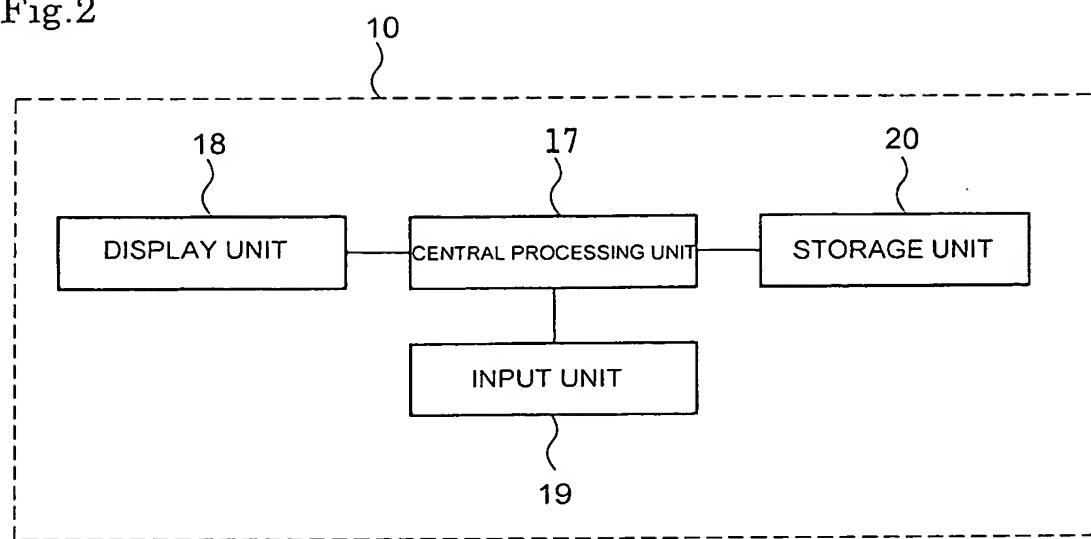


Fig.3

ATTRIBUTE GROUP		ATTRIBUTE NAME	OUTPUT DESTINATION
TRANSFER GUIDE		MATERIAL (FRICTIONAL COEFFICIENT)	SIMULATOR1
TRANSPORT ROLLER	FIXING ROLLER TRANSFER ROLLER TRANSPORT ROLLER GUIDE ROLLER	PRESSING FORCE DRIVING CONDITIONS FRICTIONAL COEFFICIENT INERTIA	SIMULATOR1 , SIMULATOR3
FILM GUIDE SUCH AS POLYESTER FILM		MATERIAL (YOUNG'S MODULUS) MATERIAL (FRICTIONAL COEFFICIENT)	SIMULATOR2 , SOFTWARE DESIGN1
FLAPPER		DRIVING CONDITIONS	SIMULATOR2 ,DESIGN2
SENSOR		DRIVING CONDITIONS	SIMULATOR1
PAPER PATH (TWO-DIMENSIONAL INFORMATION)		PATH LENGTH	SIMULATOR4

Fig.4

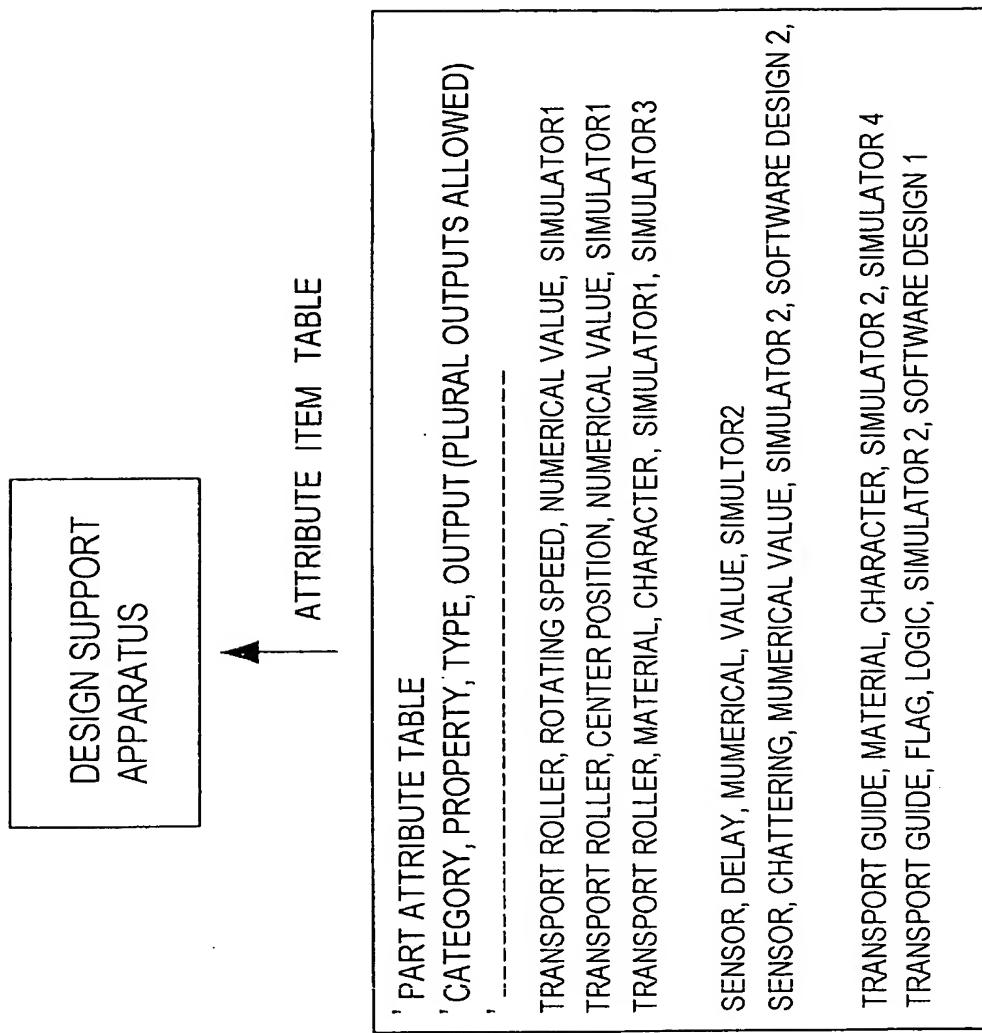


Fig.5A

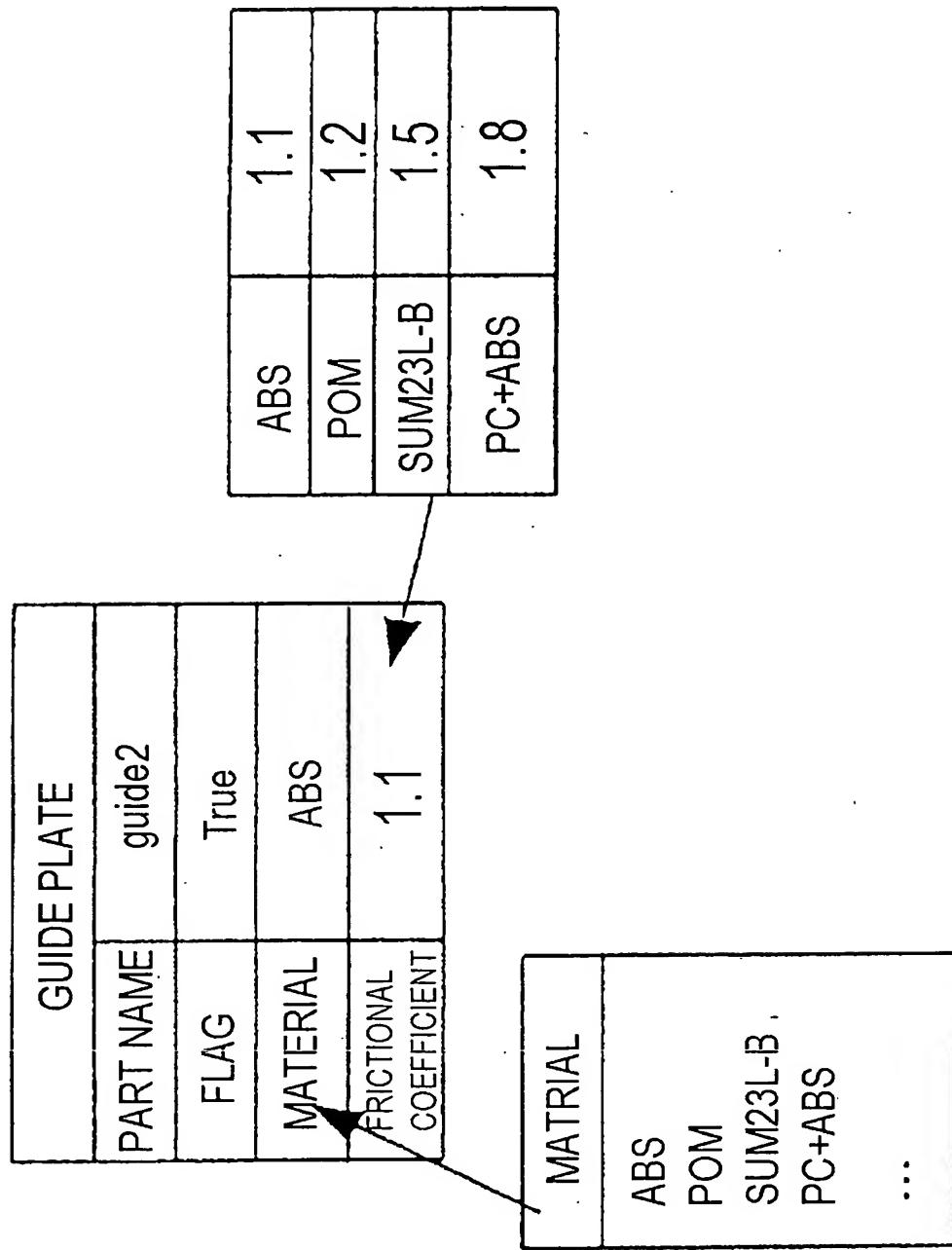


Fig.5B

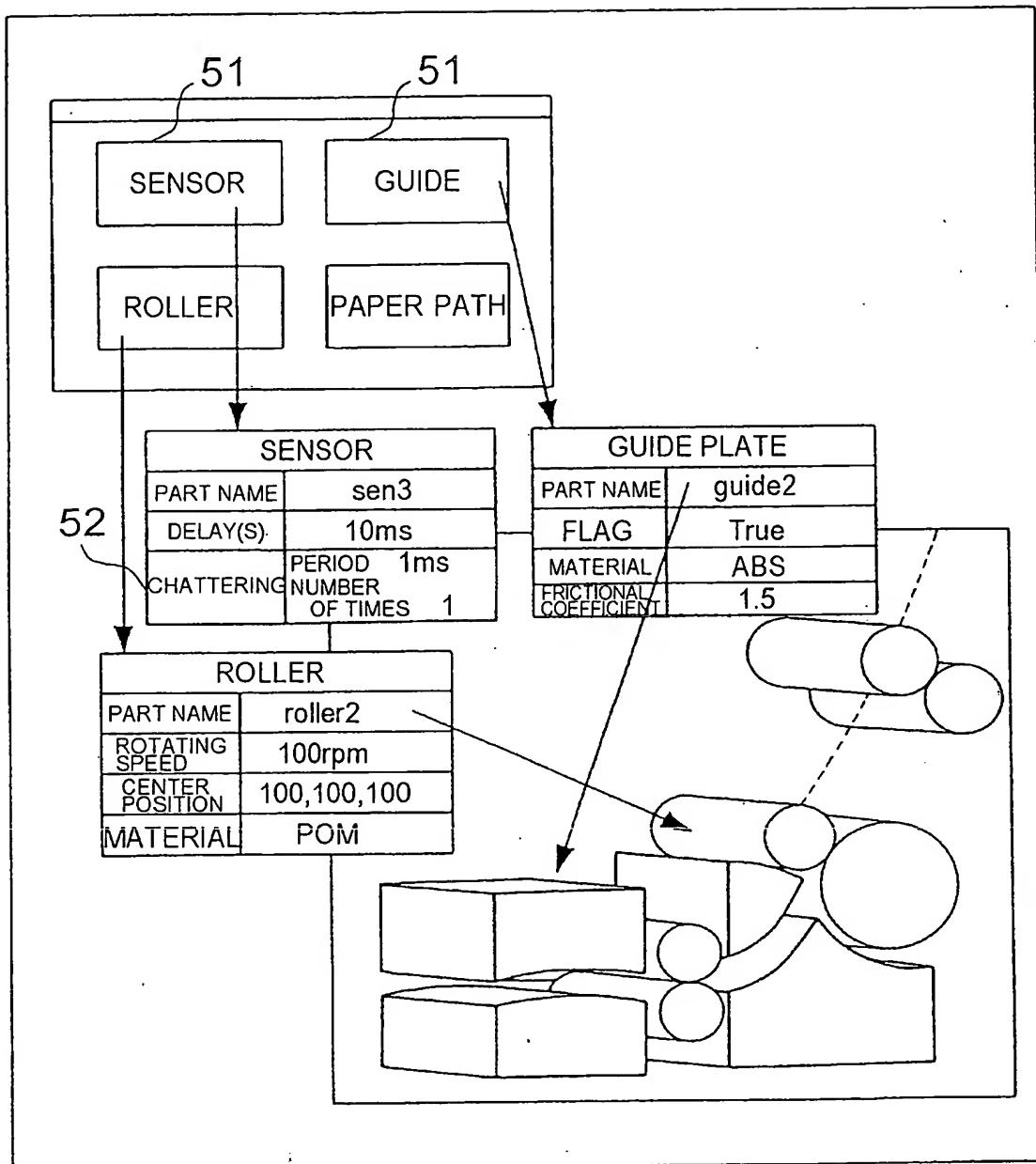


Fig.6

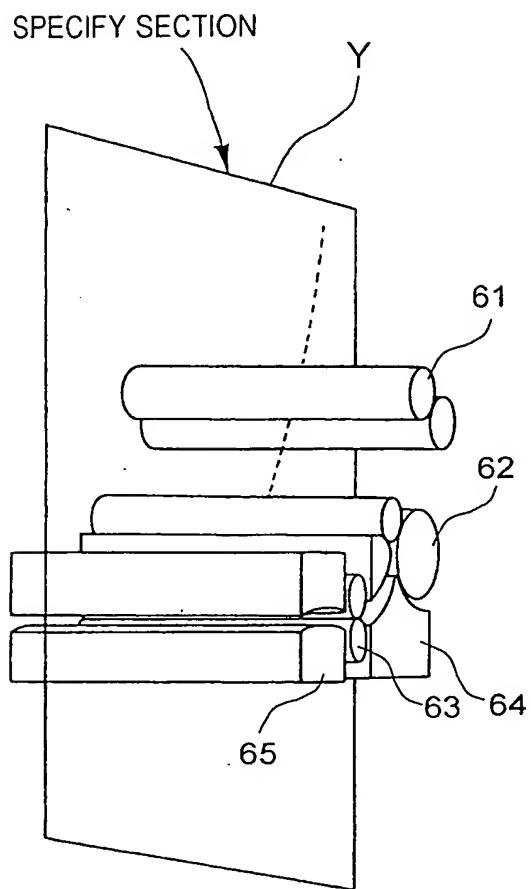


Fig.7

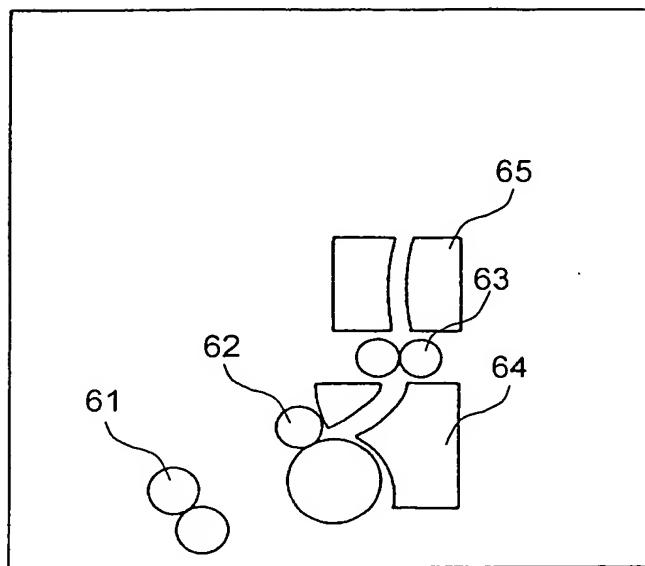


Fig.8

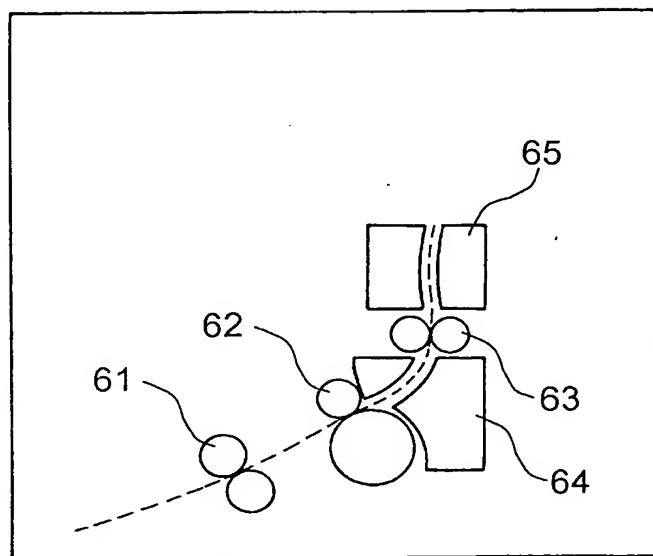
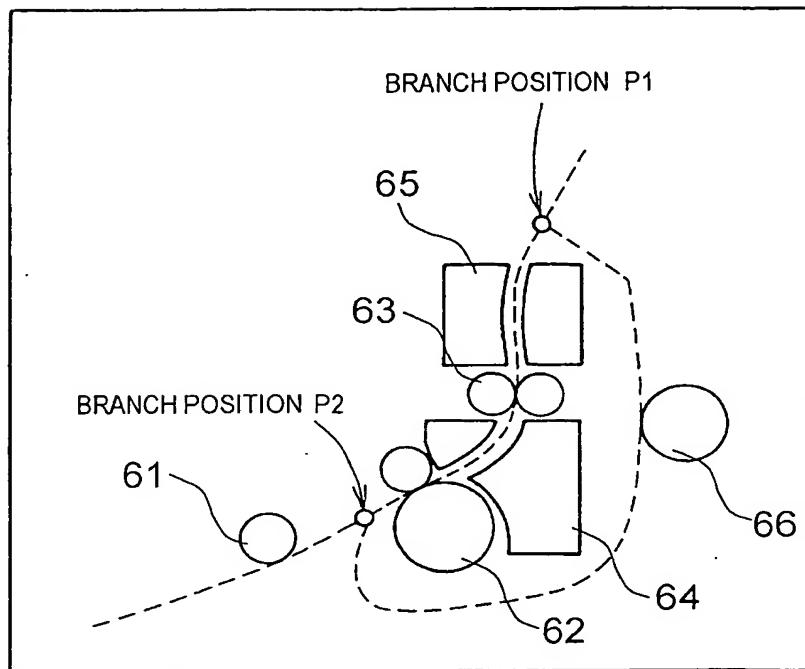


Fig.9



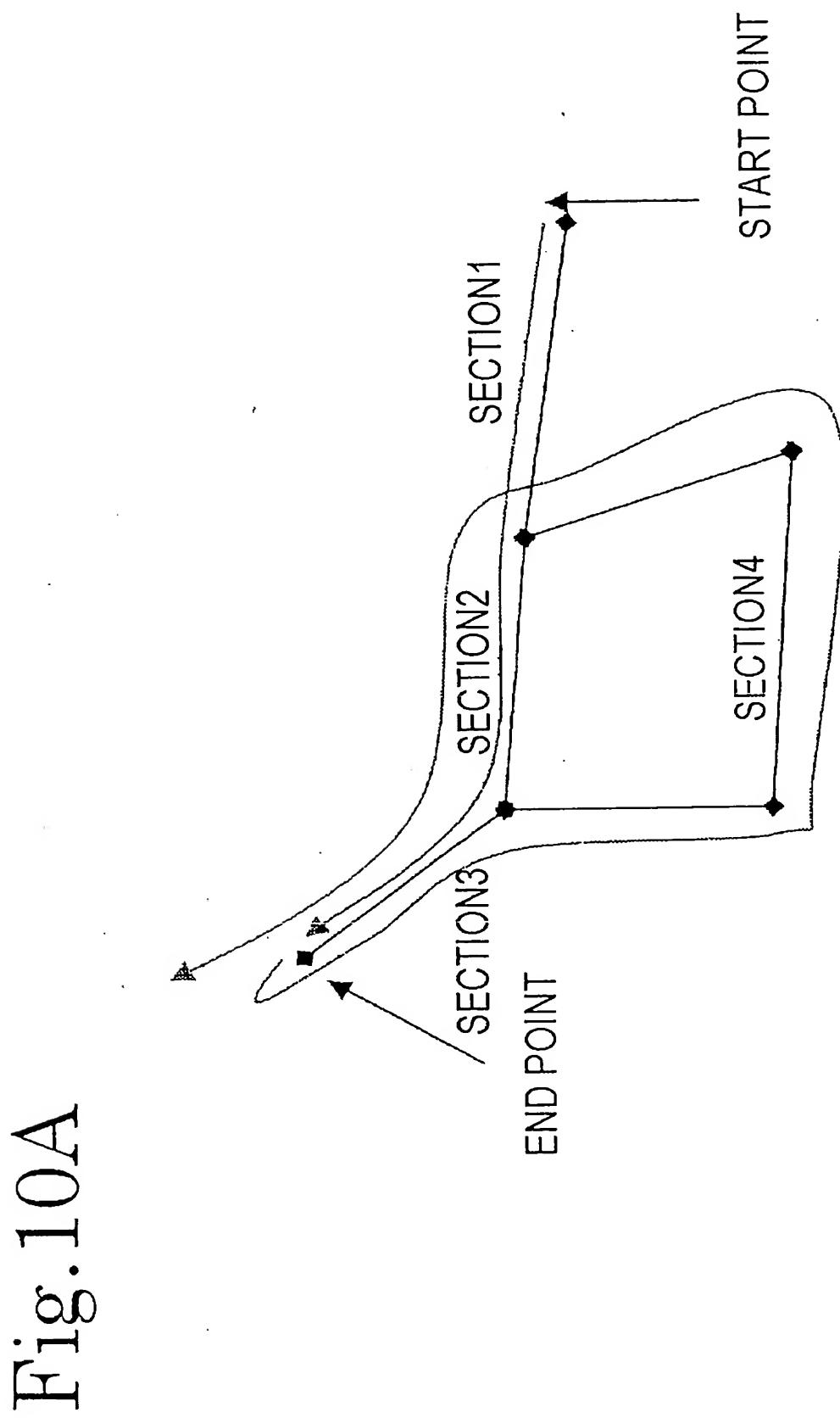
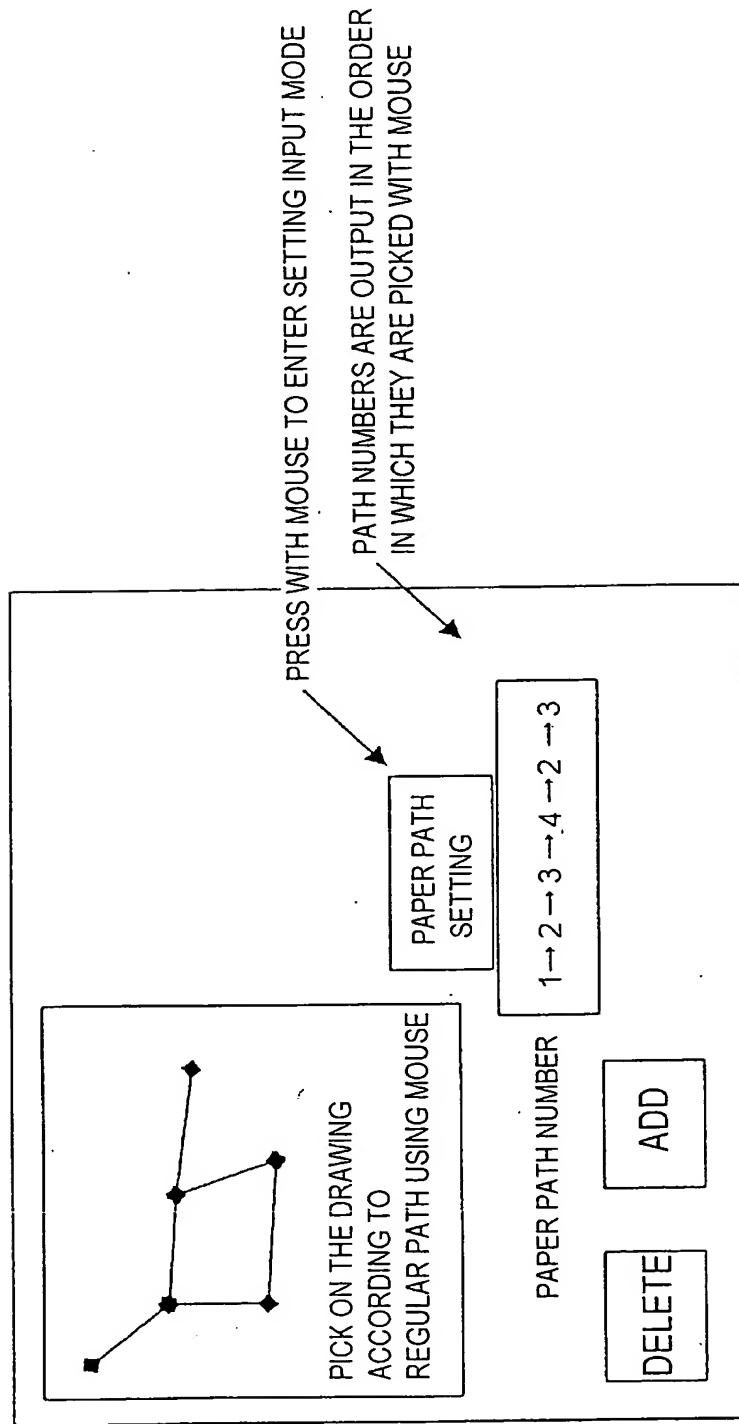


Fig.10B



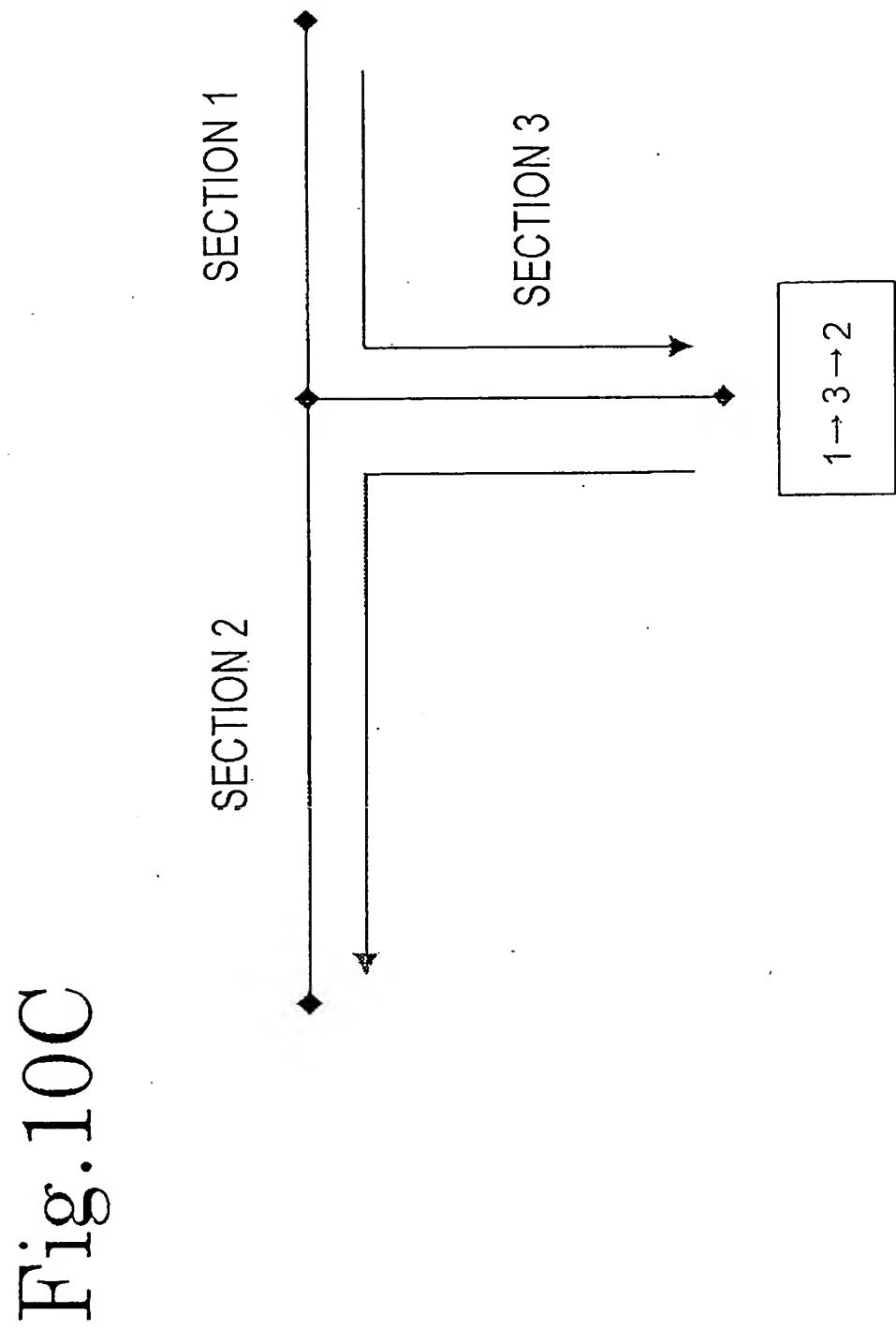


Fig.11

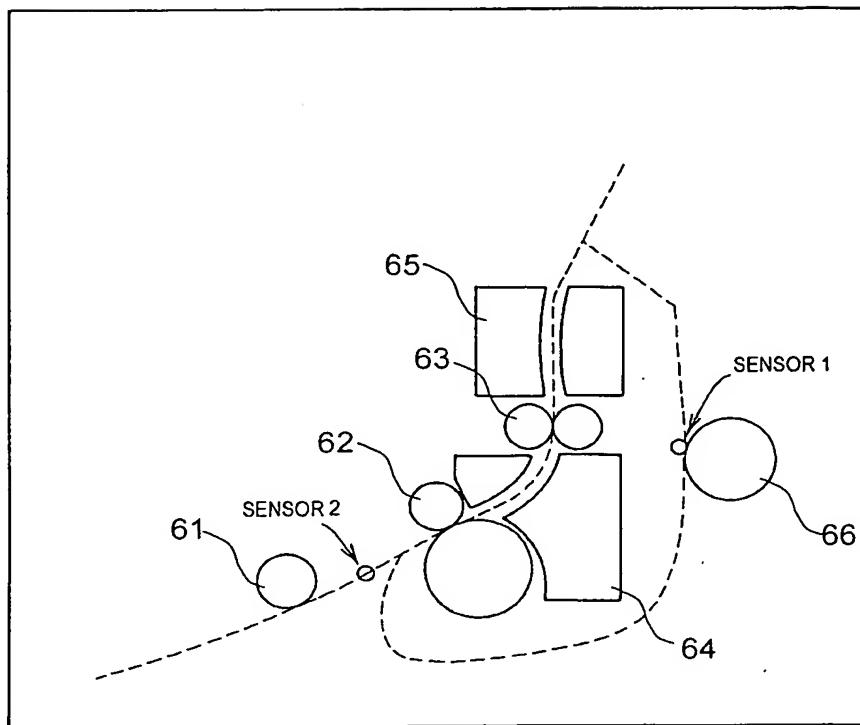


Fig.12

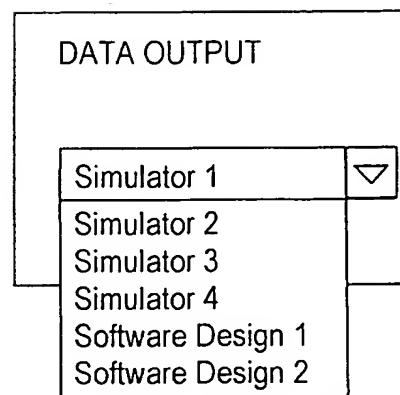


Fig.13

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[ROLLER INFORMATION]
'PART NAME,CENTER POSITION, RADIUS, MATERIAL
roller1,"10,10",10.5,ABS
roller12,"20,10",15.5,ABS
roller13,"110,10",20.5,ABS
roller14,"310,10",30.5,ABS

[GUIDE PLATE INFORMATION]
'Line or Arc or Spline START POINT, END POINT, CENTER (ARC)
LINE,"10.5,10.5","100.0,100.0"
ARC,"5,10","30,40","10.0.10.0"
...
[PAPER PATH INFORMATION]
'PAPER PATH ELEMENT
0 SPLINE
END_L -90.011489920340438,-55.457774430023193
END_R -67.634677809124952,85.34802967677652
LENGTH 153.85250668527772
1 ARC
END_L -67.634677809124938,85.34802967677652
END_R -69.43395492034044,101.4842875699768
CENTER -268.77219671991821,-75.708134430023193
LENGTH 16.252763377358612
2 ARC
END_L -69.43395492034044,101.4842875699768
END_R -75.877104920340429,108.76784756997679
CENTER -175.88930454618531,-75.708134430023193
LENGTH 10.204557248071362
...
'ORDER OF PAPER PATH ELEMENTS
1,2,3,4, ...
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Fig.14

